

3D Cadastre Implementation in Indonesia

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SUMMARY

The importance to address the upper and lower spaces in 2D Cadastre system has long been an interesting topic in Land Management System. The absence of upper and lower space regulation hampers the vertical development and create question about ownership right of a space that overlap with other ownership in the surfaces. A 3D Cadastre system to needed to avoid such confusion and adhere the vertical disparity of ownership. This paper describes the new initiative of Indonesia's Ministry of Agrarian Affairs (ATR/BPN) to adhere the vertical disparity of ownership for both upper and lower spaces. The full design of the 3D Cadastre will also involve the Marine cadastre as the law to address such ownership already been regulated. This paper will try to highlight the concept from ATR/BPN by technical point of view to develop the 3D cadastre system. Participation from all related party is needed to create a holistic approach to create 3D Cadastre system in Indonesia. This paper will address the future and near future step to create the 3D Cadastre system as part of conclusions for this paper.